

CDX-65RF

Operating Instructions page 2

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located at the rear of the CD changer unit.

Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. CDX-65RF Serial No. _____

Mode d'emploi page 28

Avant la mise en service de cet appareil, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.

For installation and connections, see the supplied installation/connections manual.

Pour l'installation et les connexions, consultez le manuel d'installation/connexions fourni.

Features

WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

CAUTION

The use of optical instruments with this product will increase eye hazard.

The CDX-65RF is a compact disc changer system comprised of the display unit, the hideaway (modulator) unit and the CD changer unit. The hideaway unit modulates the audio signal from the CD changer unit into the RF (Radio Frequency) signal at 88.3 MHz, 88.7 MHz, 89.7 MHz or 89.9 MHz so that it can be received by the existing FM tuner of your car audio. Therefore you will be able to enjoy CD play with your car audio even if it has no input terminals for a compact disc player.

- Compact and space saving CD changer unit for vertical, horizontal or suspended installation in your car.
- Supplied remote commander enables you to control the CD changer unit installed in the trunk room of your car.
- **Several optional CD changers can be connected and controlled** by the use of the Sony source selector (not supplied).
- **Intro scan function** for playing the first 10 seconds of each track on every disc.
- **Repeat play function** for playing a track, a disc or a changer repeatedly.
- **Shuffle play function** for playing tracks in random order.
- **Custom file function** for putting and displaying the title of each disc, and setting the PLAY/SKIP mode on each track.
- Switchable **two color illumination (amber and green)**.
- Provided with a **digital 12-hour clock**.
- The optional **rotary commander** designed for on-the-move control which enables you to operate the system more easily.

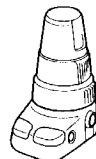


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Precautions

- This system cannot be used with a car audio without the facility to receive FM.
- Before operating the unit for the first time or after replacing the car battery, press the reset button on the display unit with a ball-point pen etc., and then start operating the system.
- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the system to cool off before operating it.
- If no power is being supplied to the system, check the connections first. If everything is in order, check the fuse.
- Avoid installing the system in places:
 - subject to temperatures exceeding 55°C (131°F)
 - subject to direct sunlight.
 - near heat sources (such as heaters).
 - exposed to rain or moisture.
 - exposed to excessive dust or dirt.
 - subject to excessive vibration.
- As the laser beam used in this compact disc changer is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

Moisture condensation

On a rainy day or in a very damp area, moisture may condense on the lenses inside the CD changer unit. Should this occur, the unit will not operate properly. In this case, **remove the disc and wait for about an hour until the moisture has evaporated.**

If you have any questions or problems concerning your system that are not covered in this manual, please consult your nearest Sony dealer.

Notes on Compact Discs

This way



A dirty or defective disc may cause sound drop-outs in playing. To enjoy optimum sound, handle the disc as follows.

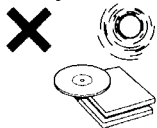
Handle the disc by its edge, and to keep the disc clean, do not touch the surface.

Not this way



Do not stick paper or tape on the labeled surface.

Not this way



Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in a car parked in direct sunlight where there can be a considerable rise in the temperature inside the car.

Notes on the Disc Magazine

- Do not leave the disc magazine in locations with high-temperatures and high-humidity, such as on a dashboard or by the rear window where the disc magazine will be subjected to direct sunlight.
- Do not insert more than one disc at a time into a slot, otherwise the changer and the discs may be damaged.
- Do not drop the disc magazine or subject it to a violent shock.

This way

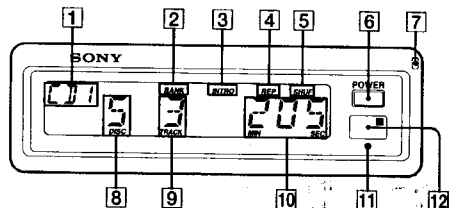


Before playing, clean the discs with an optional cleaning cloth. Wipe each disc from the center of the disc outward.

Do not use solvents such as benzine, thinner, commercially available cleaners or antistatic spray intended for analog discs.

Location and Function of Controls

Display Unit



Refer to the pages in ● for details.

- 1 CD (CD Changer number) indication ●
- 2 BANK (bank function) indication ●
- 3 INTRO (intro scan) indication ●
- 4 REP (repeat play) indication ●
- 5 SHUF (shuffle play) indication ●
- 6 POWER switch ●●

Press to turn on and off the system.

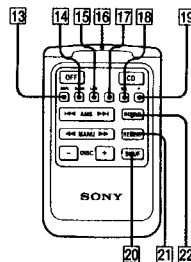
- 7 Illumination color select switch (rear)
For changing the color of the display illumination (amber and green).

- 8 DISC (disc number) indication ●
- 9 TRACK (track number) indication ●
- 10 Elapsed playing time indication ●
- 11 Reset button

Press this button with a ball-point pen etc. when the operation buttons fail to function.

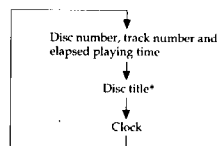
- 12 Infrared receptor for the remote commander

Remote Commander



- 13 DSPL (display mode change/time set) button ●

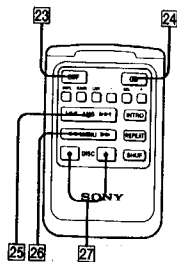
Each time the button is pressed during CD play, the display mode changes cyclically as follows:



- It is necessary to put titles onto the discs in advance. See page 18 for details.
If the title of a disc is not registered, "....." will come on the display window and the system will enter the elapsed playing time display mode.

- 14 BANK (bank function) button ●
- 15 LIST (custom file mode select) button ●●

- 16 Infrared emitter
- 17 - (control mode select/custom file character select) button ●●
- 18 SEL (control mode set/character set) button ●●●
- 19 + (control mode select/custom file character select) button ●●
- 20 SHUF (shuffle play) button ●
- 21 REPEAT (repeat play) button ●
- 22 INTRO (intro scan) button ●



23 OFF button ①

24 CD (CD play/CD changer select) button ②

When two or more CD changers are connected, press this button to select a desired CD changer. Every time you press the button, the CD changer number on the display unit will change.

25 AMS (automatic music sensor) button

Press either side of the button once during CD play to search the beginning of a track (AMS function).

▶▶ side: To locate the beginning of the next track

◀◀ side: To locate the beginning of the currently playing track

If you keep the button pressed, the beginnings of either the succeeding or the previous tracks will be located. However, if the beginning or the end of the disc is reached, you will not be able to go any further.

26 MANU (manual search) button

Press and hold either side of the button during CD play to search a desired point of a track.

▶▶ side: To fast forward

◀◀ side: To fast reverse

The elapsed playing time of the track will be displayed on the display unit during the manual search

27 -DISC+ (disc select) buttons

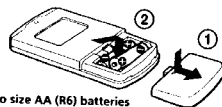
Press either the - or + button during CD play to search a desired disc quickly.

- button: To search the previous disc number

+ button: To search the succeeding disc number

You can search a desired disc by displaying the titles of the discs registered with the custom file function. See page 18 for details.

Installing the Batteries



Two size AA (R6) batteries

Battery life

When the batteries become weak, you will not be able to operate the unit with the remote commander. Battery life is approx. six months although it depends on the way of use.

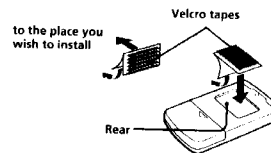
Notes on batteries

To avoid damage from battery leakage and subsequent corrosion:

- insert the batteries by matching the + and - on the batteries to the + and - in the battery compartment
- do not use an old battery with a new one, or different types of batteries together
- remove the batteries when you do not use the unit for a long period of time
- do not charge the batteries.

If any battery leakage occurs, replace the batteries with new ones after cleaning the battery compartment.

Installing the Remote Commander



Install the remote commander with velcro tape in a desired place.

Notes

- Do not install or leave the remote commander in a location near any heat sources, or in a place subject to direct sunlight (especially on the dashboard in summer etc.).
- When you park your car in direct sunlight, detach the remote commander and place it in a location where it will not be subjected to direct sunlight such as the glove box.
- Before installing the remote commander, be sure to check whether you can remote control the system from the place where you intend to install the remote commander.
- Clean the surface before attaching the velcro tape.

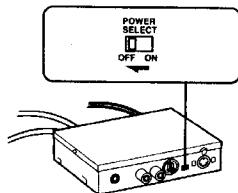
Initial Settings

POWER SELECT Switch

The display on the display unit is factory-set to come on when the ignition key of your car is turned on. However, this setting may cause some car battery wear if used in a car which has no ACC (accessory) position on the ignition key panel. To avoid battery wear when used in such a car, set the POWER SELECT switch located on the side of the hideaway unit to the OFF position*.

When the ignition key is turned off, the display on the display unit will go off as well. When you change the setting of the POWER SELECT switch, be sure to press the reset button on the display unit.

* When the POWER SELECT switch is set to the OFF position, you will not be able to start CD play with the remote commander while the system is in the off mode, that is to say when there is no display on the display unit. Therefore press the POWER switch on the display unit before operating the remote commander.



Changing the Transmitting Frequency

You can select the frequency of the modulated RF signal being transmitted from the hideaway unit according to the level of interference noise.

1. Press the SEL button for approx. 2 seconds.

The system will enter the frequency selecting mode. The initial setting is 88.3 MHz.

2. Press either the \square or \square button to select the frequency.

At each pressing, the buttons will change the frequency as follows:

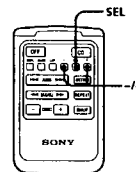
\square : 88.3 MHz \rightarrow 89.9 MHz \rightarrow 89.7 MHz
 \rightarrow 88.7 MHz \rightarrow 88.3 MHz

\square : 88.3 MHz \rightarrow 88.7 MHz \rightarrow 89.7 MHz
 \rightarrow 89.9 MHz \rightarrow 88.3 MHz

3. Press the SEL button again for approx. 2 seconds.

Note

Be sure to set the frequency of your FM tuner to that of the newly selected frequency.



Changing the Output Level

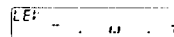
You can select the output level from the CD changer unit. Normally the system is used in the initial output level, change the level if necessary.

1. Press the SEL button for approx. 2 seconds.

The system will enter the frequency selecting mode.

2. Press the SEL button again.

The system will enter the output level selecting mode. The indication is as follows:

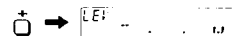


Initial setting

To decrease the output level

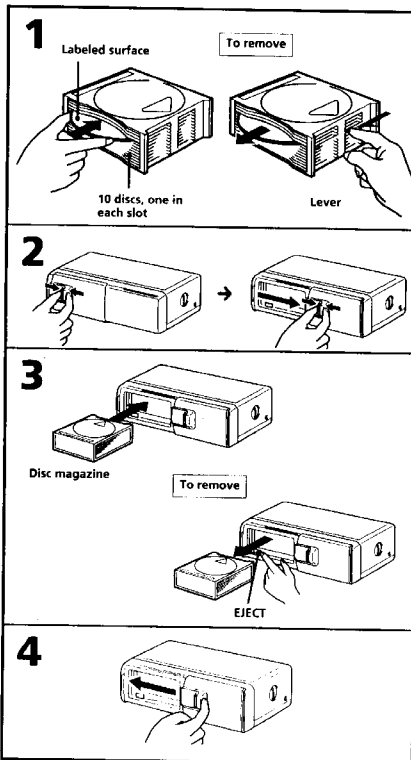


To increase the output level



3. Press the SEL button once again for approx. 2 seconds.

Preparations



Use the unit with the door closed

Otherwise, foreign matter may enter the unit, and contaminate the lenses inside the changer.

Note

To listen to an 8 cm CD, use the separately sold Sony CD adaptor CSA-8. Be sure to always use the specified adaptor, as failing to do so may cause a malfunction of the unit. If you use any other adaptor, the unit may not operate properly. When using the Sony CD adaptor, make sure that three catches on the adaptor are firmly latched onto the 8 cm CD.

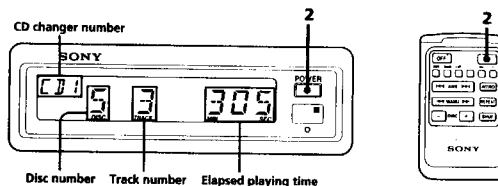
Note

If the disc magazine is not locked into place properly inside the CD changer unit, remove the magazine. Press the EJECT button first, then insert the magazine into the CD changer unit again.

Note

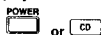
When a disc magazine is inserted into the CD changer or the reset button of the connected car audio is pressed, the system will be automatically activated and read the information of the CDs. When the information of all the CDs in the disc magazine has been read, the unit will automatically stop the operation.

Listening to the CD Play



- 1** Turn on the FM tuner of your car audio and select the frequency from 88.3 MHz, 88.7 MHz, 89.7 MHz or 89.9 MHz whichever has been selected by the procedure described in "Changing the Transmitting Frequency" (page 11). See the operation manual of your car audio about the FM tuning as well.

- 2** Press either the POWER switch on the display unit or the CD button* on the remote commander. The CD play will start.

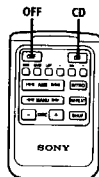
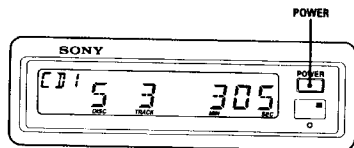


- 3** Adjust the volume with the volume control on the car audio.

* If the POWER SELECT switch on the bidaway unit is set to the OFF position and the display on the display unit is turned off, you will not be able to start CD play with the remote commander. In this case, press the POWER switch on the display unit.

If the system is in the normal playing mode, after the end of a disc, the disc with the next number shown on the display unit will automatically be played. If two or more CD changers are connected, after the end of the last disc in the first changer, the first disc in the CD changer with the next number shown will be played. The order of disc play can be rearranged by changing the playing modes. See "Playing in Other Modes" for details. (page 15)

Listening to the CD Play



Stopping CD Play

Press either the POWER switch on the display unit or the OFF button on the remote commander.
To resume CD play, press the POWER switch on the display unit or the CD button on the remote commander.

Notes

- When CD play is stopped, you may hear some noise from the speakers. To prevent this from happening, turn the volume down before stopping CD play.
- If you turn off the ignition of your car without stopping CD play, it will automatically resume CD play from where it was stopped the next time you turn on the ignition.

Listening to the Radio

Press the POWER switch on the display unit or the OFF button on the remote commander to stop CD play before tuning in a radio station.

Be sure to stop CD play before you start listening to the radio. Otherwise there may be some interference in the radio reception.

To restart CD play, set the frequency of the FM tuner to the frequency previously selected in "Changing the Transmitting Frequency" (page 11) and press the POWER switch on the display unit or the CD button on the remote commander.

Tape Playback

Press the POWER switch on the display unit or the OFF button on the remote commander to stop CD play before starting tape playback.

To restart CD play, turn on the FM tuner and set the FM frequency to the one previously selected in "Changing the Transmitting Frequency" (page 11) and press the POWER switch on the display unit or the CD button on the remote commander.

Note
When this system is used with your car audio, the reception of the tuner may become slightly worse than usual.

Playing in Other Modes

Playing the Discs Randomly — Shuffle Play Functions

Playing the tracks on the currently selected disc randomly — Disc shuffle play

Press the **SHUF** button to get the "SHUF 1" indication during CD play.

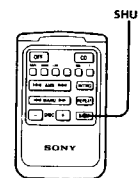
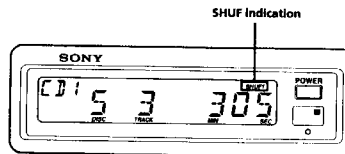
When all the tracks on a disc have been played, the shuffle play will move on to the next disc.

Playing every track on every disc in the currently selected CD changer randomly — CD changer shuffle play

Press the **SHUF** button to get the "SHUF 2" indication during CD play.

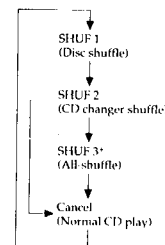
Playing every track on every disc in all the CD changers connected randomly — All shuffle play (when two or more CD changers are connected)

Press the **SHUF** button to get the "SHUF 3" indication during CD play.

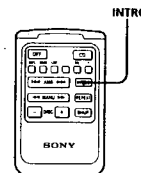
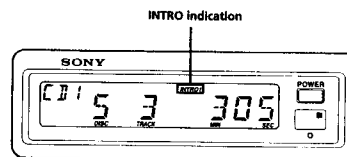
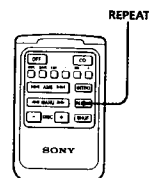
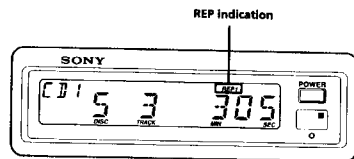


CD Changer Operation

The function of the SHUF button changes cyclically as follows:



• All-shuffle play (SHUF 3) mode functions only when two or more changers are connected to the system. When only one changer is connected, the "SHUF 3" indication will not be displayed. In this case, if you press the SHUF button again while the "SHUF 2" indication is being displayed, the shuffle play will be canceled.



Playing a Disc Repeatedly

— Repeat Play Functions

Playing the currently selected track repeatedly — Track repeat

Press the **[REPEAT]** button to get the "REP 1" indication during CD play.

When the track is over, CD play will be repeated from the beginning of that track.

Playing the currently selected disc repeatedly — Disc repeat

Press the **[REPEAT]** button to get the "REP 2" indication during CD play.

When the last track of the currently selected disc is over, CD play will be repeated from the beginning of that disc.

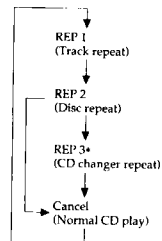
Playing the discs in the currently selected CD changer repeatedly

— CD changer repeat (when two or more CD changers are connected)

Press the **[REPEAT]** button to get the "REP 3" indication during CD play.

When the last disc of the currently selected CD changer is over, CD play will be repeated from the first disc in the currently selected CD changer.

The function of the **REPEAT** button changes cyclically as follows:



*CD changer repeat (REP 3) mode functions only when two or more changers are connected to the unit. When only one changer is connected, the "REP 3" indication will not be displayed. In this case, if you press the REPEAT button again while the "REP 2" indication is being displayed, the repeat play will be canceled.

Searching for a Desired Track by Listening to the First 10 Seconds of Each Track

— Intro Scan Function

Press the **[INTRO]** button during CD play.

The first 10 seconds of all the tracks on the currently selected disc will be played in order.

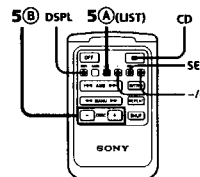
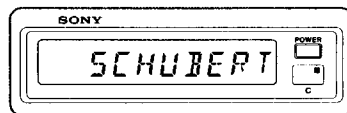
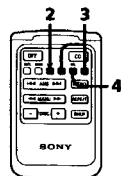
When the first 10 seconds of the last track on the disc has been played, the intro scan will move on the next disc.

When the first 10 seconds of the last disc in the first CD changer has been played, the first disc in the next CD changer will be played (only when two or more CD changers are connected).

When you find the desired track

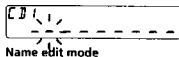
Press the **INTRO** button once again. The intro scan function will be canceled and you can continue to listen to that track.



— **Disc Memo Function**

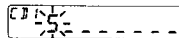


1 Play the disc that you wish to title. See page 13 for details.

2 Press the LIST button for more than two seconds to enter the name edit mode.



3 Press either the  or  button to select the desired characters.



Each time you press the $\bar{\square}$ or $\dot{\square}$ button, characters will come on in the following order:

$\begin{matrix} + \\ \square \end{matrix} \Rightarrow \rightarrow A \rightarrow B \rightarrow C \rightarrow \dots \rightarrow X \rightarrow Y \rightarrow 7 \rightarrow 0 \rightarrow 1 \rightarrow 2 \rightarrow 3 \rightarrow$

$$\bar{0} \rightarrow \dots \rightarrow \backslash \rightarrow (\rightarrow) \rightarrow \backslash \rightarrow / \rightarrow \ddagger \rightarrow - \rightarrow + \rightarrow g \rightarrow \dots$$

If you keep the button pressed, the characters will change rapidly.

4 Press the SEL button after locating a desired character.



The flashing part will move to the next space on the right. Repeat steps 3 and 4 to enter the entire titles. Up to eight characters can be used per disc.

You can put a title of your own choice to a disc (one title per disc). The title can be displayed on the display window while the disc is being loaded and played. Maximum of eight letters can be used per title.

5 **Ⓐ** To reenter the CD play mode



Press the LIST button for more than two seconds.

ⓑ To continue to put titles onto the discs





Press the **-DISC+** button.

Changing a title

Play the disc whose title you wish to change and repeat steps 2 to 5.

Erasing a title

- 1 Select the CD changer and play any disc.
 - 2 Press the LIST button for more than two seconds to enter the name edit mode.
 - 3 Press the DSP/L button for more than two seconds.
 - 4 Press either the  or  button to select the title that you wish to erase.
 - 5 Press the SEL button for more than two seconds.
Repeat step 4 and 5 if necessary.
 - 6 Press the DSP/L button for more than two seconds.
 - 7 Press the LIST button for more than two seconds.
- Now the title and the PLAY/SKIP settings are erased.
The system returns to the normal CD play mode.

Notes

- If you press the SEL button when the eighth character (farthest right character) is flashing, the flashing part goes back to the first character (farthest left character).

- If you wish to put a blank space after a character, select " " (under-bar).

If you press the CD button, the next CD changer will be selected and the system will reenter the normal CD play mode. (When two or more CD changers are connected.)

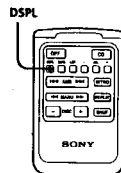
When you change the title, the PLAY/SKIP settings of the bank function will not be erased at the same time.

When you erase the title, the PLAY/SKIP settings of the bank function will be erased as well.

The alternative method to erase a title

Erasing a title
You can erase a title by selecting eight " " (under bars) as described in step 3 of "Putting Your Personalized Titles onto the Discs". (Page 18)

Displaying the Title of Each Disc



Displaying the title

Press the DSPL button.

Title display modes

While loading the discs, whatever display mode the system is in, the indication on the display unit automatically changes as follows:
The title of the disc (two seconds) → Disc and track numbers (two seconds) → Currently selected display mode (two seconds)

Custom file function

You can register the customized titles and the PLAY/SKIP settings to the maximum of 110 discs* per CD changer (custom file function). These settings will be stored in the memory of the CD changer. Therefore, even if you take a custom-filed disc out of the CD changer, you can still use the same custom file function the next time you play that disc in the same CD changer. Furthermore, if your system has several CD changers connected, you can play that disc in another CD changer and still use the same custom file function, provided that the CD changers are inter-connected with the Bus (Unilink) cables.

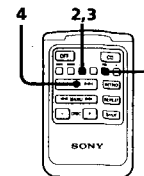
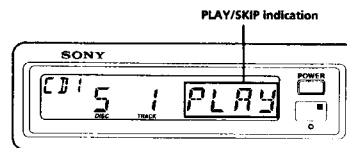
*If you try to register more than 110 discs, the display unit will display the "FULL" indication and will not accept the command for custom filing. In this case, you will have to erase the memory of some other discs before you enter any new ones.

Note

The registered titles of the discs may not come on the display window immediately while it is being loaded inside the CD changer.

Playing Selected Tracks on a Disc

— Bank Function



Setting the Play and Skip Modes on the Discs

1 Play the disc to which you wish to set these modes.

2 Press the LIST button for more than two seconds and put the titles onto the discs.

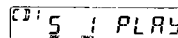
LIST



See page 18 for details about putting on a title. If the title has already been registered, go to step 3.

3 Press the LIST button lightly to enter the PLAY/SKIP edit mode.

LIST

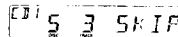


4 Press the AMS button to select the track number you wish to skip then press the SEL button.

AMS



SEL



The indication changes from "PLAY" to "SKIP". If you wish to return to "PLAY", press the SEL button again.

Repeat the operation in this step to set either the "PLAY" or "SKIP" mode on all the tracks.

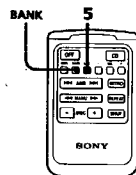
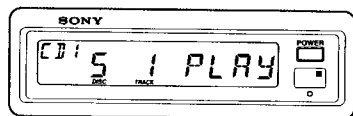
You can listen to only the desired tracks by using this function.

Notes

- When the title is not registered, you cannot enter the PLAY/SKIP edit mode even if you press the LIST button.
- You can only set the "SKIP" mode onto up to 24 tracks. If a disc has more than 24 tracks, you will not be able to set the SKIP mode on the tracks after the 24th track.
- You cannot set the SKIP mode onto all of the tracks on a disc.

CD Custom File Function

Playing Selected Tracks on a Disc

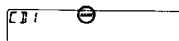


5 Press the LIST button for more than two seconds.

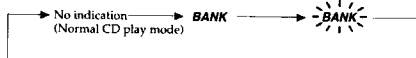


The system reenters the normal CD play mode.

Playing with the Bank Function



Each time the BANK button is pressed, the indication on the display unit will change cyclically as follows:



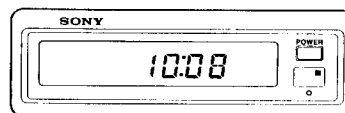
If the "BANK" indication is on the display unit, only the tracks with the PLAY settings will be played.

If the "BANK" indication is flashing on the display unit, only the tracks with the SKIP settings will be played.

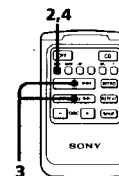
Each time you press the BANK button, the display on the display unit will change to "BANK ON", "BANK INV" or "BANK OFF" for a second before returning to the previous display.

Even when you play a disc with the PLAY/SKIP settings, if the "BANK" indication has not come on the display unit, the disc will not be played according to the settings.

Setting the Clock



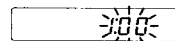
The clock has a 12-hour digital indication.



For example, set it to 10:08.

1 Turn the ignition key to the ON position.

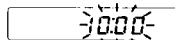
2 Press the DSPL button for more than two seconds.



The indication starts flashing.

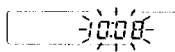
3 Press the 10-4 AMP 0-01 button to set the hour digits.

(to go back) (to go forward)

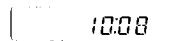


Press the 10-4 AMP 0-01 button to set the minute digits.

(to go back) (to go forward)



4 Press the DSPL button.



The clock is activated.

Note

When the POWER SELECT switch on the highway unit is set to the "OFF" position, the clock display will not come on the display unit even if the ignition of your car is turned on. In such a case, press the POWER switch of the display unit and play a disc. Then press the DSPL button of the remote commander twice to have the clock display on the display unit and follow steps 2 to 4.

Maintenance

Fuse Replacement

If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In this case, consult your nearest Sony dealer.

Warning

Use the specified amperage fuse.
Use of a higher amperage fuse may cause serious damage.

Specifications

CD changer unit

System	Compact disc digital audio system
Laser Diode Properties	GaAlAs
Material	780 nm
Wavelength	Continuous
Emission duration	Less than 44.6 μ W*
Laser out-put power	* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.
Frequency response	5 - 20,000 Hz
Wow and flutter	Less than measurable limit
Signal-to-noise ratio	More than 92 dB
Output terminals	Bus (Unilink) control output terminal (8 pin) Analog audio output terminal (RCA pin)
Current drain	800 mA (at playback) 800 mA (at disc loading/ejecting)
Operational temperature	-10°C to +55°C (14°F - 131°F)
Dimensions	Approx. 305 x 90 x 174 mm (12 1/8 x 3 5/8 x 6 7/8 in.) (w/h/d)
Mass	Approx. 2.5 kg (5 lb. 8 oz.)

Hideaway unit/Remote commander/

Display unit

Frequency	88.3 MHz/88.7 MHz/ 89.7 MHz/89.9 MHz (switchable)
Dimensions	Hideaway unit: Approx. 126 x 30 x 81 mm (5 x 1 1/16 x 3 1/4 in.) (w/h/d) Remote commander: Approx. 66 x 108 x 20 mm (2 5/8 x 4 3/8 x 1 3/16 in.) (w/h/d) Display unit: Approx. 120 x 37 x 18.5 mm (4 3/4 x 1 1/2 x 3/4 in.) (w/h/d)
Mass	Hideaway unit: Approx. 405 g (14 oz.) Remote commander: Approx. 55 g (2 oz.) not incl. batteries Display unit: Approx. 115 g (4 oz.)

Supplied accessories

Disc magazine (1)
Bus (Unilink) cable (1)
RC A pin cord (1)
Mounting hardware (1 set)

Optional accessories

Relay commander RM-X32
CD cleaning kit CDM-21BK
CD single adaptor CSA-8
Disc magazine XA-10R
Source selector XA-U20, XA-U40
Bus (Unilink) cable (supplied with an RC A pin cord)
RC-61 (1 m), RC-62 (2 m)
RC A pin cord
RC-63 (1 m), RC-64 (2 m)

Design and specifications are subject to change without notice.

Troubleshooting Guide

The following check will assist in the correction of most problems which you may encounter with your unit.
Before going through the check list below, refer back to the connection and operating procedures.

Problem	Cause/solution
The operation buttons do not function.	<ul style="list-style-type: none">• The built-in micro computer has malfunctioned. → Press the reset button on the display unit.• The connecting cords are not connected properly.• The batteries in the remote commander are worn.• The distance between the remote commander and the display unit is too far.
The sound skips due to vibration.	<ul style="list-style-type: none">• The CD changer unit is installed in an unstable location. → Re-install it in a stable location.• Dirty or defective disc(s) → Clean or replace it/them.

Error displays

The following indication will flash for about five seconds and an alarm sound will be heard.

Display	Cause	Solution
NO MAG	The disc magazine is not inserted in the CD changer.	Insert the disc magazine with discs into the CD changer.
NO DISC	No disc is inserted in the disc magazine.	Take out the magazine and insert the discs.
ERROR	The disc is dirty.	Clean the disc.
	The disc is inserted upside down.	Insert the disc correctly.
RESET	The CD changer cannot be operated because of some problem.	Press the reset button of the display unit.

If the above mentioned solutions do not help to improve the situation, consult your nearest Sony dealer.